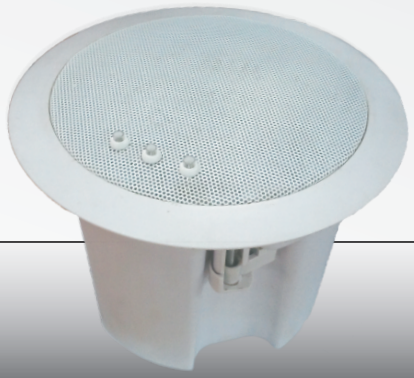
Public Broadcast Phone Technology Manual

PS760



Escene SayHi Public broadcast wired/wireless IP Phone contains all functions of traditional analog broadcast and intelligent FM radio. It overcomes the weakness of poor sound quality, susceptible to interference and complex maintenance management of traditional broadcast system. This product integrates computer network, digital video surveillance, IP broadcast multi-network into it without special wiring.

Escene SayHi Public broadcast IP Phone can be applied in school, hospital, stadium, hotel, hall, cinema, shopping mall, commercial building, government building and other public radio projects. It has passed the FCC/ROHS/CE certification requirements. The software supports up to 20 ways paging function and has high quality audio source.

Key Features

IP Network Broadcast IP Phone has feature of more, faster, better, save and easy, etc.

► More broadcast subareas: With the 20 ways paging function owned by itself, it can be flexibly divided into more broadcast subareas without limit.

► Faster system configuration: The IP Phone configuration can be faster accomplished when connecting to the network; Perfectly compatible with server platform, it can fast switch between the back ground music and the emergency broadcast.

► Better broadcast voice quality: Based on TCP/IP network, the voice of broadcast IP Phone will not be impacted by the outside environment or transmission distance. With the high/low audio speaker, the audience will enjoy the high fidelity acoustics.

► Save device maintenance: Device operation and maintenance is easy-simple. It contains 3 buttons, rear 3.5mm microphone port , standard RJ45 Ethernet port.

► Easy management: System administrator can manage the devices for different users from different subareas by remote web.

► Wireless Broadcast IP Phone is easy to install, dual use. It can work when you disable WIFI and use the LAN cable.

Specifications

Item	Instruction
Specification	Front cover width:215 mm, Height:65 mm; Back cover width:160mm, Height:135mm; Total height:155mm
Speaker	13w, with high and low audio handling

Microphone	Built-in high sensitive microphone
Network port	1*RJ-45(LAN/PC port. The LAN port supports POE, PC port only works on wireless IP Phone). Refer to Software Function List.
3.5mm port	1*3.5mm microphone port
Light touch button	3 buttons; Refer to Software Function List.
Indication for buttons(ABC)	A. Network B. Paging C. VoIP account. Refer to Software Function List.
Power	Input: AC100~ 240V, output:DC12V/1A, POE(IEEE802.af)
Weight	Net weight: 1.1 kg , gross weight: 2.0 kg
Operating environment	Temperature: 0 ~ 60 ,degrees of humidity: 10% ~ 90%

Software function list

Function	Instruction
SIP account	3
RJ-45 status switch definition	IP access: DHCP/STATIC/PPPOE. Normal mode: LAN. Wireless mode: LAN/PC, when WIFI enabled, it is for PC; when WIFI disabled, it is for LAN.
ABC button definition	Button A: Once-press for IP Broadcast; Long-press 20sec for default setting. Button B: VOL+ ; Button C: VOL-
ABC buttons– LEDs function definition	LEDs for A (Network): Green slow flashing means failed network connection; Stable green lighting means network connected. LEDs for B (Paging): Paging is free (Stable Green); Paging is busy (Green Quick Flashing, 1 time/sec). LEDs for C (SIP Account): Any account registered successfully (Stable Green); Any account is working(Green Quick Flashing, 1 time/sec); Any account registered failed (Green Slow Flashing, 2 times/sec).
Language	Multi-language
VOIP protocol	SIP 2.0
Network protocol	HTTP/BOOTP/FTP/TFTP/IEEE802.1Q/*IEEE802.1X
Voice codec	G.723.1 (5.3K 6.4K b/S)\G.729 A (8Kb/s)\G.711 A/U (64Kb/S)\G.722(64Kb/S)
QOS	Voice priority tag(TOS), Dynamic jitter buffer, Voice detection, Comfortable background noise generated(CNG), Echo elimination G.168(32ms)
Security	Hierarchical user permissions password login the Web, signaling encryption, voice encryption
Independent Paging function	Support more than 20 ways paging function, priority from high to low in turn order
Remote management	Web page, HTTP/TFTP/FTP auto provision, telnet and so on
Certification	CE\FCC\RoHS

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